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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

HAILU, TADESSE

ART UNIT

PAPER NUMBER

2173

DATE MAILED: 05/24/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/928,601	Applicant(s) MORRISON, MICHAEL C.	
	Examiner Tadesse Hailu	Art Unit 2173	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 March 2006.
 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-39 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) ☐ Claim(s) _____ is/are allowed.
 6) ☒ Claim(s) 1-39 is/are rejected.
 7) ☐ Claim(s) _____ is/are objected to.
 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☐ All b) ☐ Some * c) ☐ None of:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This Office Action is in response to the Amendment submitted/entered with filing of RCE on March 15, 2006.
2. The Examiner acknowledges the Declaration under 37 C.F.R. 1.131 filed on March 1, 2006 and evidence "Disclosure" document filed on April 24, 2006. They both entered and approved. As a result, the Declaration removes Gudorf et al (2002/0174230) and Werner (2002/0196942) from being applied to the current claim rejection.
3. The pending claims 1 through 39 are examined herein as follows.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1, 2, 4, 8-15, 17, 21-28, 30, and 34-39 are rejected under 35 U.S.C. 103(a) as being unpatentable over Beezer et al (US Pat No 6,597,314) in view of Sandhu et al (U.S. Pat. No. 6,985,953).

Beezer is directed to a help system, wherein Beezer discloses a method, system and computer program product for providing user access to an electronic document, and providing access to setting controls in a system.

With regard to claim 1:

As illustrated in Fig. 3, and as described (column 4, lines 55-63), Beezer discloses a computer-implemented 200 method for presenting a series of titles 310 (help source file) of a document to a user.

As per the step of “maintaining a help”, the method of Beezer includes presenting (maintaining) a set of help topics or series of titles to be selected by a user (column 4, lines 55-63);

As per the step of “receiving request”, the method of Beezer includes receiving a signal corresponding to a user request for the help and settings control document (column 9, lines 16-17 of claim 2).

As per the step of “obtaining a help”, the method of Beezer includes determining (obtaining) the target part of the help and settings control document based on a navigational history associated with the user (column 6, lines 46-56, column 9, lines 6-10 of claim 1);

As per the step of “displaying”, the method of Beezer further includes displaying a configured (customized) display of the help and settings control document (help source file) based on stored navigational history component 704 and user profile component 708 (column 7, lines 53-column 8, lines 22).

Beezer, however, does not teach, “the help history file comprises a cookie, generated by the local computer, wherein an identification for each previously opened file is stored in the cookie.” Sandhu, on the other hand, is directed to methods and system for creating secure cookies (Abstract). The methods can be used to create, receive, and transmit secure cookies, confidential cookies, and authentication cookies (Abstract). Sandhu further discloses cookies contain strings of text characters encoding relevant information about the user. Cookies can

store any type of conforming client data including, e.g., the name of cookie (i.e. Cookie_ Name) and the actual information that is kept in the cookie (i.e. Cookie _Value), IP address, password, etc. (see Cookies Specification, col. 4, lines 25-63). Thus, by assigning a name, any name, such as, 'user's interaction histories' or "the help history file", to Cookie_ Name, individual user's rerecords (e.g., navigational records, Id, etc) can be stored under Cookie _Value. Sandhu further discloses that cookies are generated not only at a remote server, cookies can also be generated at a local computer, e.g., Alice's machine (local machine) generates the cookie (col. 8, lines 15-62). Thus, the locally generated cookies (i.e. under any assigned name) can store pointers to individual user records to identify who they are and what they are up to (e.g., interaction history). When Alice, access her machine for the next time, she will be identified and receive a customized (such as a previously selected link will be highlighted, etc).

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to substitute the cookie of Sandhu for the *pointer* of Beezer because the help document of Beezer will be able to identify the user and matches user's activity when a user logs for the second time, i.e., the user does not have to retype the previously entered information.

Therefore, it would have been obvious to combine Beezer and Sandhu to obtain the invention as specified in claim 1.

With regard to claim 2:

As per claim 2, Beezer in view of Sandhu discloses a computer program code stored within the help and settings control document (help source file) is configured to display the customized presentation of the help source file based on navigational history component 704 and user profile component 708 (column 7, lines 53-column 8, lines 22).

With regard to claim 4:

Beezer in view of Sandhu discloses a 'smart' navigational method to determine the accuracy of the predication of the target part of the help and settings control document. By monitoring the navigational history of the user the "smart" navigational system is configured to determine (distinguish) between the target part, section, or chapter within the help and settings control document selected or opened while user remains with the help document and a determination is made when user is not remain (outside of the help system) in the help and settings control document (Beezer, column 7, lines 10-52).

With regard to claims 8, 21 and 34:

Furthermore, Beezer in view of Sandhu discloses a cookie file that is created on a client computer (Alice's machine) (Sandhu, col. 8, lines 15-62).

With regard to claim 9:

Beezer in view of Sandhu discloses a frequency (specified time interval) of accessing or navigating of a target part, section, or chapter in the help and settings control document. Beezer also discloses a determining of how long the user remains in the help and settings control document (Beezer, column 7, lines 27-52).

With regard to claim 10:

Beezer in view of Sandhu discloses the 'smart' navigational features are provided for predicting a part, section or chapter (location) of the help and settings document that is sought by a user based on navigational history and user profiles (Beezer, abstract, column 7, lines 10-33).

With regard to claim 11:

Beezer in view of Sandhu discloses the smart navigational aspect (presentation) provides for configured to select particular part, section or chapter (an amount of material) of help and settings control document, wherein Beezer also discloses a display component which retrieves the appropriate page of the help and settings control document from memory and display it on display (Beezer, column 7, lines 53-column 8, lines 13).

With regard to claim 12:

Beezer in view of Sandhu discloses a navigational history component that provides storage for information representing a user's navigation record. Beezer also discloses a user's profile component 708 that contains information (amount of information) representing user preferences, for example, user experience levels with the particular reading application (information displayed) and with the help and settings control document (Beezer, column 8, lines 13-22).

With regard to claim 13:

Beezer in view of Sandhu discloses a target (type of material) selection component that may be configured (customized) to select a particular section, section or chapter of help and settings control document (Beezer, column 8, lines 7-13).

With regard to claims 14, 15, 17 and 22-26:

Beezer in view of Sandhu discloses a computer-implemented help system reciting all the limitations of these claims in system form (e.g., see Beezer, claim 1). Thus, since these claims correspond generally to method claims 1, 2, 4, 9-13, respectively, and recite similar features in System form, and therefore are rejected under the same rationale.

With regard to claims 27, 28, 30 and 35-39:

Beezer in view of Sandhu discloses a computer-readable medium having stored thereon computer-executable instructions for performing a method of providing a user access to help and settings control document (e.g., see Beezer, claim 5). Thus, since these claims correspond generally to method claims 1, 2, 4, 9-13, respectively, and recite similar features in Storage form, and therefore are rejected under the same rationale.

5. Claims 3, 5-7, 16, 18-20, 29, and 31-33 are rejected under 35 U.S.C. 103(a) as being unpatentable over Beezer et al (U.S. Pat No 6,597,314) in view of Sandhu et al (U.S. Pat No. 6,985,953) further in view of Lim et al (U.S. Pat No. 6,434,619).

With regard to claims 3, 16 and 29:

While Beezer in view of Sandhu discloses computer-executable instructions, data structures, program modules and other data executed by a personal computer (Beezer, Fig. 1, column 2, lines 55-61), but Beezer in view of Sandhu does not seem to disclose that the computer-executable instructions or computer program code is written in a scripting language. Lim is directed to a help system, e.g., an online context sensitive help. Lim discloses the above shortcoming of Beezer in view Sandhu. Lim discloses an example of a JavaScript code for implementing the help feature (column 14, lines 24-32). Beezer in view of Sandhu and Lim are analogous art because they are from the same field of endeavor that is the help systems. At the time of the invention, it would have been obvious to a person of ordinary skill in the art to substitute the Java Script code of Lim for the program modules of Beezer in view of Sandhu because Lim teaches that such scripting language is advantageous for local client side processing (e.g., button actions, updating time stamp, setting cookies) (Lim, column 4, lines 25-30).

Therefore, it would have been obvious to combine Beezer in view of Sandhu with Lim to obtain the invention as specified in claims 3, 16 and 29.

With regard to claims 5, 6, 18, 19, 31 and 32:

While Beezer in view of Sandhu discloses storing the help and settings control document (Breeze, column 8, lines 14-22), but Beezer in view of Sandhu does not seem to disclose storing help and settings control document (the help document) in a tagged meta language representation such as HTML. Lim, however, discloses storing a help document in a tagged language representation such as HTML (see Lim, column 4, lines 25-30, column 14, lines 24-32). At the time of the invention, it would have been obvious to a person of ordinary skill in the art to incorporate the tagged meta language representation such as HTML of Lim with the help and settings control document of Beezer in view of Sandhu because HTML tag encoding enables the help file/document to create html page linkage, which may present additional help resource information to a selected html link (column 14, lines 3-14).

Therefore, it would have been obvious to combine Beezer in view of Sandhu with Lim to obtain the invention as specified in claims 5, 6, 18, 19, 31 and 32.

With regard to claims 7, 20 and 33:

While Beezer in view of Sandhu and Lim discloses a tagged meta language representation using hypertext markup language (HTML), but a tagged meta language representation in XML is not shown. It would have been obvious to use a tagged Meta language representation using XML in Beezer in view of Sandhu and Lim since the examiner takes Official Notice of the equivalence of XML and HTML for their use in tagging Meta language

art. To substitute XML in Beezer in view of Sandhu and Lim for the disclosed HTML would have been an obvious functional equivalent.

Therefore, it would have been obvious to combine Beezer in view of Sandhu and Lim to obtain the invention as specified in claims 7, 20 and 33.

Requirement for Information

6. Applicant and the assignee of this application are required under 37 CFR 1.105 to provide the following information that the examiner has determined is reasonably necessary to the examination of this application.

As disclosed on page 3 of the Affidavit Disclosure, the applicant is aware of other related art related to the current invention. Thus, the applicant is required to submit the related admitted art. For examination purposes, the required information is necessary for examination, the applicant has the duty to disclose any prior invention known to the applicant, such as applicant's admitted publications, products or patents that are related to this invention (Page 3, of Affidavit Disclosure).

A complete reply to the enclosed Office action must include a complete reply to this requirement. The time period for reply to this requirement coincides with the time period for reply to the enclosed Office action.

Conclusion

6. The prior art made of record on form PTO-892 and not relied upon is considered pertinent to applicant's disclosure. Applicant is required under 37 C.F.R. 1.111(c) to consider these reference fully when responding to this action. The documents cited, Laura Rintjema and Kara Warburton, "Crating an HTML Help System for Web-based Products," pp. 227-223, 1998

ACM, teaches at least the subject matter of claims 1, 14 and 27. Laura Rintjema and Kara Warburton (hereinafter "Rintjema et al") disclose a computer-implemented method for presenting HTML help file system identical with the current invention. The current invention and Rintjema et al are directed to the HTML help system incorporating Java Script in order the user of the HTML help system will be able to customize or formulate (Rintjema et al, page 227, 231) and store the information within the HTML help system at a local computer, wherein the remote server (accessing via Internet) could be used as a back-up venue but not as primary one (page 228). Consequently, the recited method steps of claim 1 are also anticipated by Rintjema et al (see pages 231, and 232). Robin Green, "Productivity Tools for Web-Based Information, pp. 219-226, 1998 ACM, also teaches similar subject matter with the current invention, the Applicant is required to consider the reference fully.

7. Examiner has pointed out particular references contained in the prior arts of record in the body of this action for the convenience of the applicant. Although the specified citations are representative of the teachings in the art and are applied to the specific limitations within the individual claim, other passages and Figures may apply as well. It is respectfully requested from the applicant, in preparing the response, to consider fully the entire references as potentially teaching all or part of the claimed invention, as well as the context of the passage as taught by the prior arts or disclosed by the examiner.

8. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Tadesse Hailu, whose telephone number is (571) 272-4051. The Examiner can normally be reached on M-F from 10:30 – 7:00 ET. If attempts to reach the

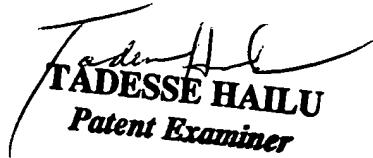
Art Unit: 2173

Examiner by telephone are unsuccessful, the Examiner's supervisor, Kincaid, Kristine, can be reached at (571) 272-4063 Art Unit 2173 and 2174.

9. An inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3900.

Examiner Tadesse Hailu
Art Unit 2173

5/17/06



TADESSE HAILU
Patent Examiner